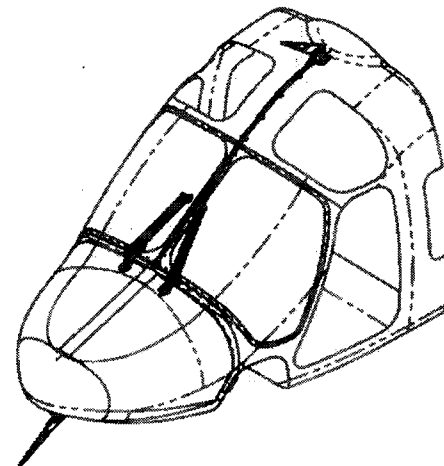
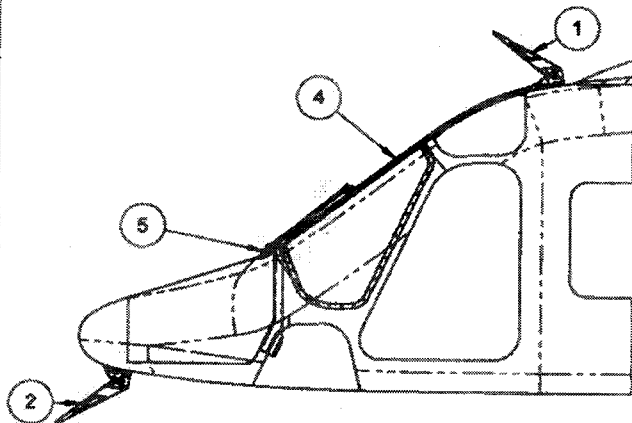


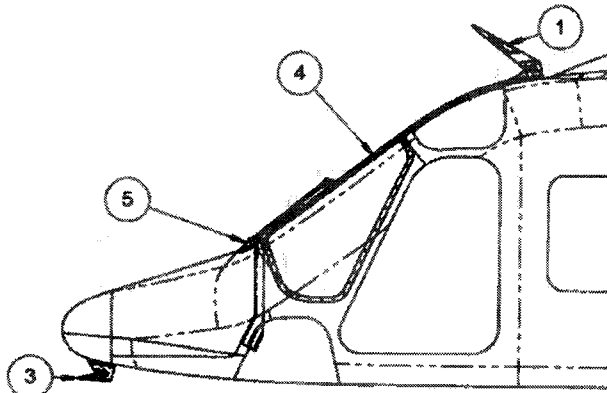
ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
1	1	1	DTAI-1038-041	RC95T400140VN	UPPER CUTTER KIT
2	1	-	DTAI-1038-043	RC95T400240VN	LOWER CUTTER KIT, LONG
3	-	1	DTAI-1038-045	RC95T402240VN	LOWER CUTTER KIT, SHORT
4	1	1	DTAI-1038-047	RC95T400390VN	WINDSHIELD DEFLECTOR KIT
5	1	1	DTAI-1038-048	N/A	WINDSHIELD WIPER POST DEFLECTOR KIT
6	12	12	NAS1133E11P	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
7	8	8	NAS1133V7A	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
8	6	6	NAS1134V10A	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
9	8	8	NAS1134V13A	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
10	12	12	NAS1983C18PT	N/A	BOLT, FLAT, 100° REDUCED HEAD, OFFSET CRUCIFORM
11	52	52	NAS1149C0332R	N/A	WASHER
12	32	32	NAS1149C0432R	N/A	WASHER
13	32	32	MS21042L3	N/A	NUT, SELF-LOCKING
14	16	16	MS21042L4	N/A	NUT, SELF-LOCKING



CABLE CUTTER SYSTEM INSTALLATION KIT
(DTAI-1038-011 SHOWN, DTAI-1038-013 SIMILAR)



DTAI-1038-011 CABLE CUTTER SYSTEM INSTALLATION KIT



DTAI-1038-013 CABLE CUTTER SYSTEM INSTALLATION KIT

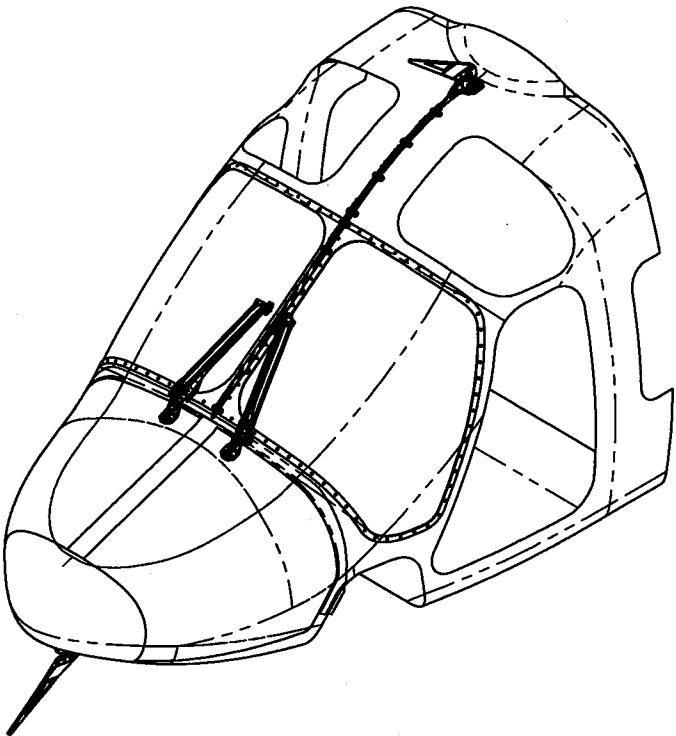
INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
DTAI-1038-011 CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER	15.32 lbs 6.95 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+60.67 in +2.05 m	1235.86 in-lb 14.25 m-kg
DTAI-1038-013 CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER	13.37 lbs 6.07 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+89.05 in +2.26 m	1190.60 in-lb 13.72 m-kg

NOTES:

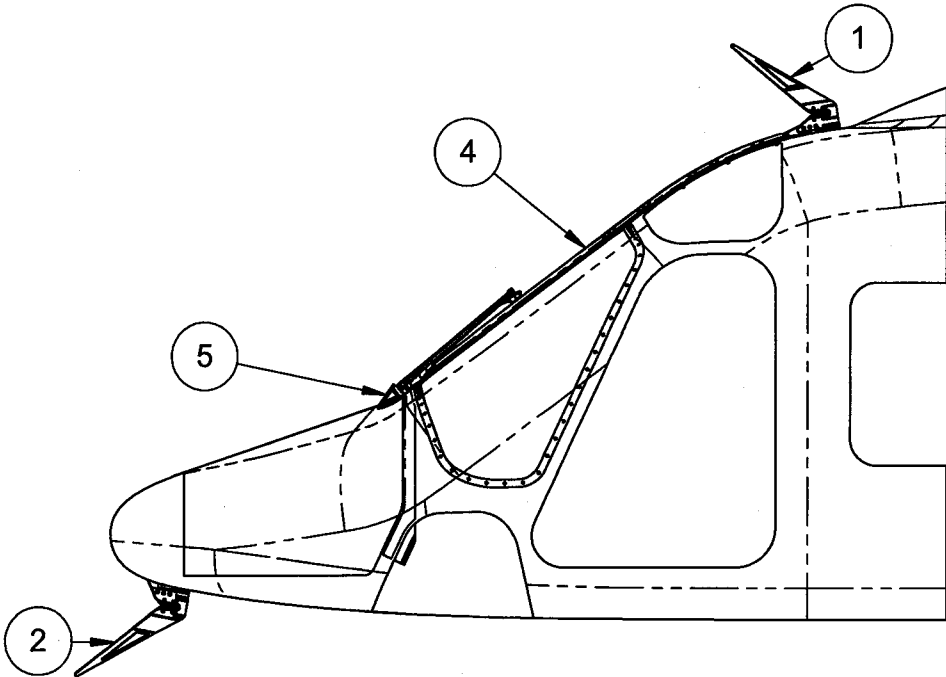
- COMPONENTS ARE PROVIDED PRIMED ONLY.
- COMPONENTS INSTALL TO TAI TLUH STRUCTURE.
- MAINTAIN IN ACCORDANCE WITH INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-DTAI-1038.
- PR-1425 CLASS B SEALANT OR EQUIVALENT MAY BE USED AS A LIQUID SHIM TO FILL GAPS BETWEEN HELICOPTER FUSELAGE AND CABLE CUTTER COMPONENTS.
- ALL FASTENER HARDWARE SUPPLIED BY TAI. SHOWN AS REFERENCE ONLY.

REV.	DESCRIPTION	BY	DATE
B	SHT 1-5: BOM TAI PH UPDATED; SHT 4-5: ADD ELEC BONDING	CP	20.08.17
A	NEW ISSUE	JRH	18.07.27
DESIGN	JRH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. IIN-DTAI-1038 TITLE TLUH CABLE CUTTER SYSTEM SCALE MTS	
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	DD		
APPROVED	ML		
DE APPR.	CP	DATE 20.08.17	

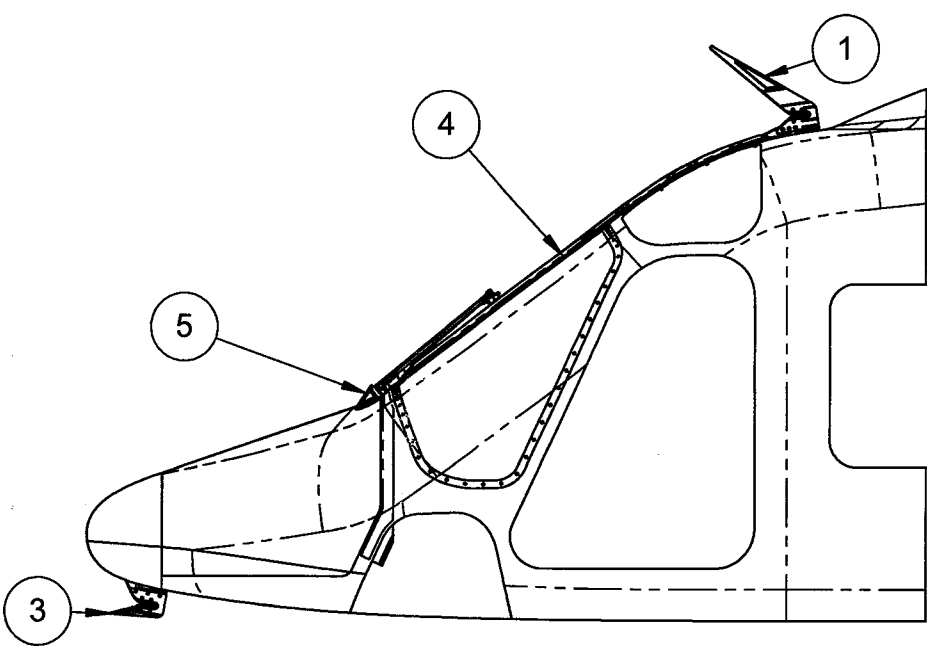
ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
1	1	1	DTAI-1038-041	RC95T400140VN	UPPER CUTTER KIT
2	1	-	DTAI-1038-043	RC95T400240VN	LOWER CUTTER KIT, LONG
3	-	1	DTAI-1038-045	RC95T402240VN	LOWER CUTTER KIT, SHORT
4	1	1	DTAI-1038-047	RC95T400390VN	WINDSHIELD DEFLECTOR KIT
5	1	1	DTAI-1038-049	N/A	WINDSHIELD WIPER POST DEFLECTOR KIT
6	12	12	NAS1133E11P	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
7	8	8	NAS1133V7A	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
8	8	8	NAS1134V10A	N/A	SCREW, MACHINE PAN-HEAD, OFFSET CRUCIFORM
9	8	8	NAS1134V13A	N/A	SCREW, MACHINE PAN-HEAD, OFFSET CRUCIFORM
10	12	12	NAS1993C18PT	N/A	BOLT, FLAT, 100° REDUCED HEAD, OFFSET CRUCIFORM
11	52	52	NAS1149C0332R	N/A	WASHER
12	32	32	NAS1149C0432R	N/A	WASHER
13	32	32	MS21042L3	N/A	NUT, SELF-LOCKING
14	16	16	MS21042L4	N/A	NUT, SELF-LOCKING



CABLE CUTTER SYSTEM INSTALLATION KIT
(DTAI-1038-011 SHOWN, DTAI-1038-013 SIMILAR)



DTAI-1038-011 CABLE CUTTER SYSTEM INSTALLATION KIT



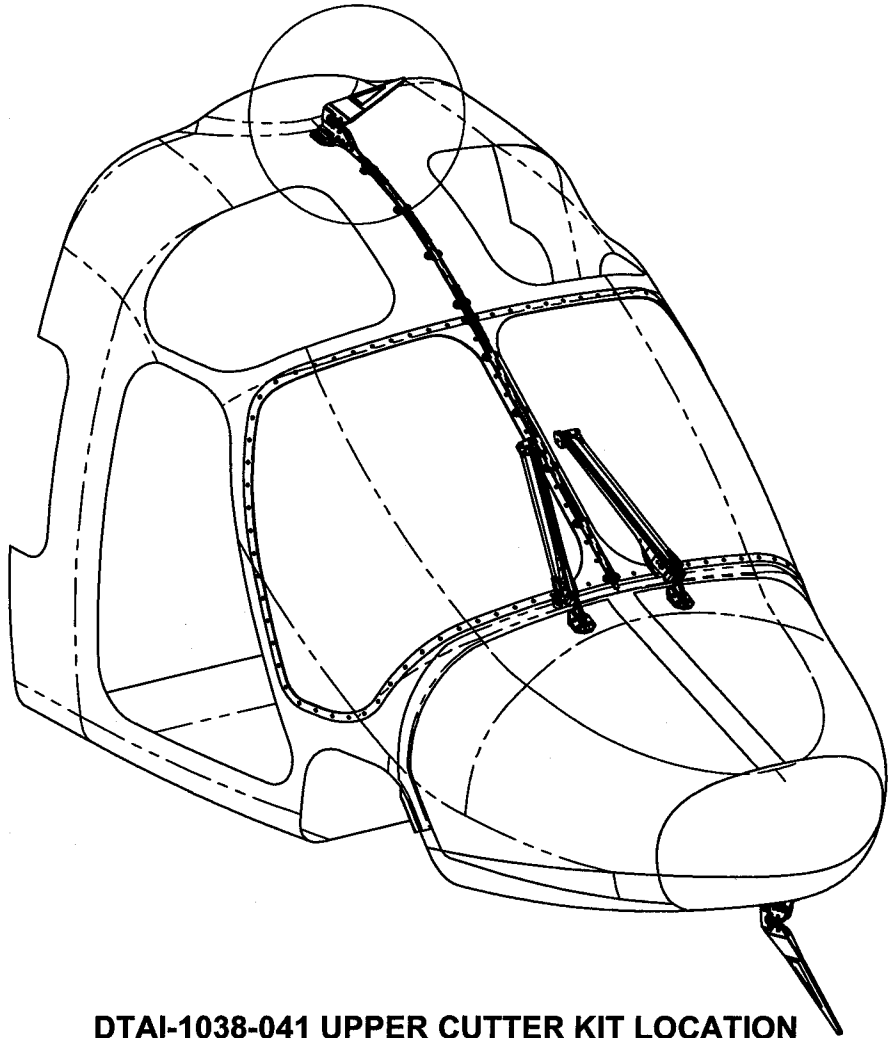
DTAI-1038-013 CABLE CUTTER SYSTEM INSTALLATION KIT

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
DTAI-1038-011 CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER	15.32 lbs 6.95 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+80.67 in +2.05 m	1235.86 in-lb 14.25 m-kg
DTAI-1038-013 CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER	13.37 lbs 6.07 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+89.05 in +2.26 m	1190.60 in-lb 13.72 m-kg

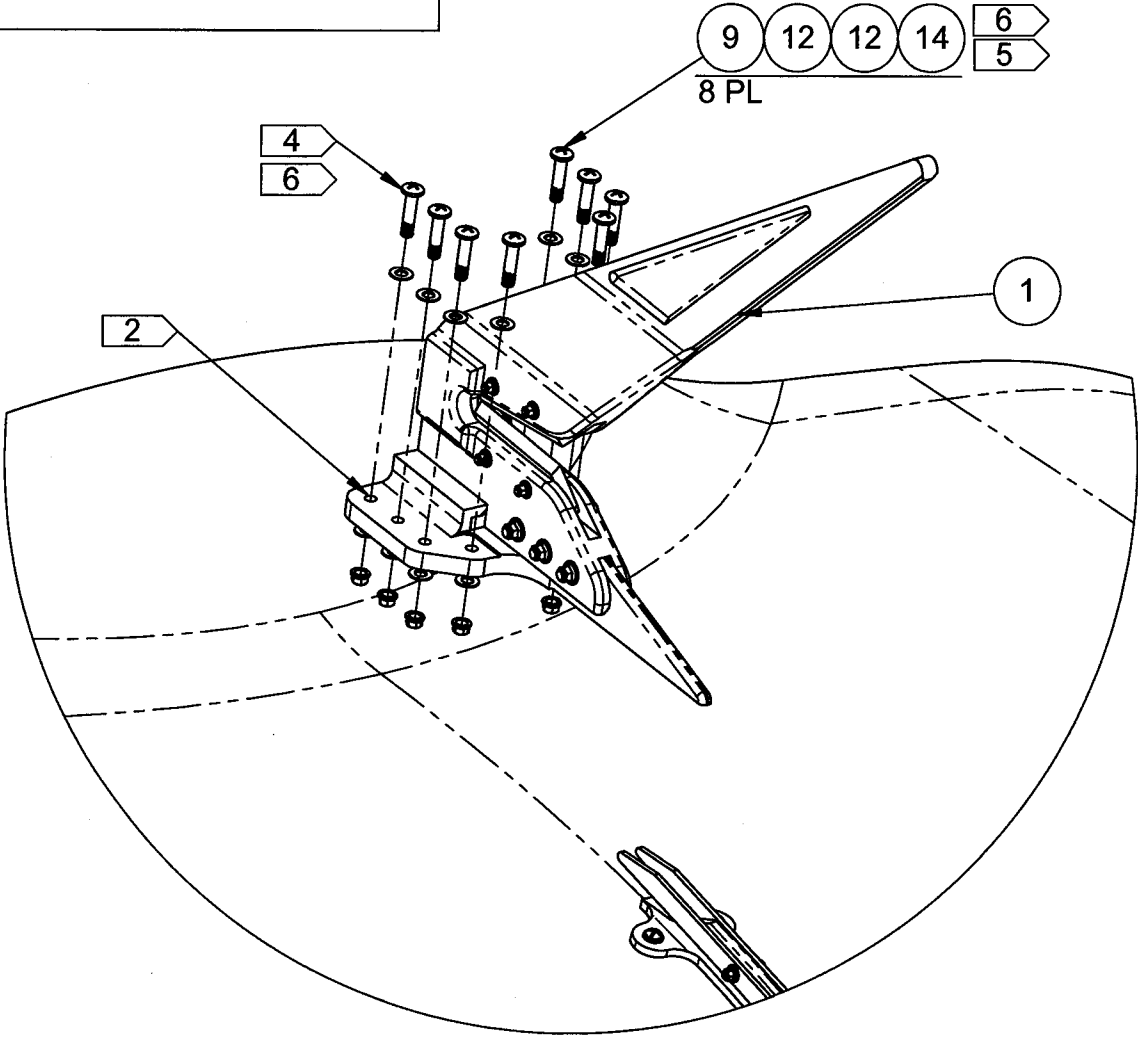
- NOTES:
- 1) COMPONENTS ARE PROVIDED PRIMED ONLY.
 - 2) COMPONENTS INSTALL TO TAI TLUH STRUCTURE.
 - 3) MAINTAIN IN ACCORDANCE WITH INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-DTAI-1038.
 - 4) PR-1425 CLASS B SEALANT OR EQUIVALENT MAY BE USED AS A LIQUID SHIM TO FILL GAPS BETWEEN HELICOPTER FUSELAGE AND CABLE CUTTER COMPONENTS.
 - 5) ALL FASTENER HARDWARE SUPPLIED BY TAI. SHOWN AS REFERENCE ONLY.

B	SHT1-5: BOM TAI PN UPDATED; SHT4-5: ADD ELEC BONDING	CP	20.08.17
A	NEW ISSUE	JMH	18.07.27
REV.	DESCRIPTION	BY	DATE
DESIGN	JMH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CP		
CHECKED	ML	DRAWING NO.	REV. B
MFG. APPR.	DD	IIN-DTAI-1038	SHEET 1 OF 5
APPROVED	ML	TITLE	SCALE
DE APPR.	CP	TLUH CABLE CUTTER SYSTEM	NTS
DATE	20.08.17	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
1	1	1	DTAI-1038-041	RC95T400140VN	UPPER CUTTER KIT
9	8	8	NAS1134V13A	N/A	SCREW, MACHINE PAN-HEAD, OFFSET CRUCIFORM
12	16	16	NAS1149C0432R	N/A	WASHER
14	8	8	MS21042L4	N/A	NUT, SELF-LOCKING



DTAI-1038-041 UPPER CUTTER KIT LOCATION

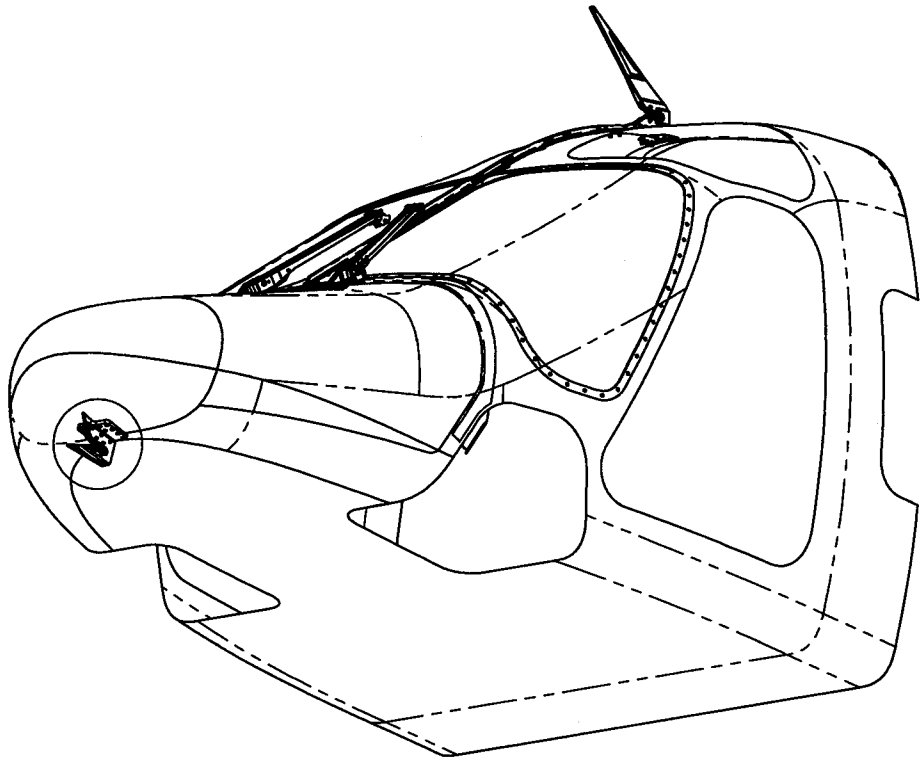


DTAI-1038-041 EXPLODED ASSEMBLY VIEW

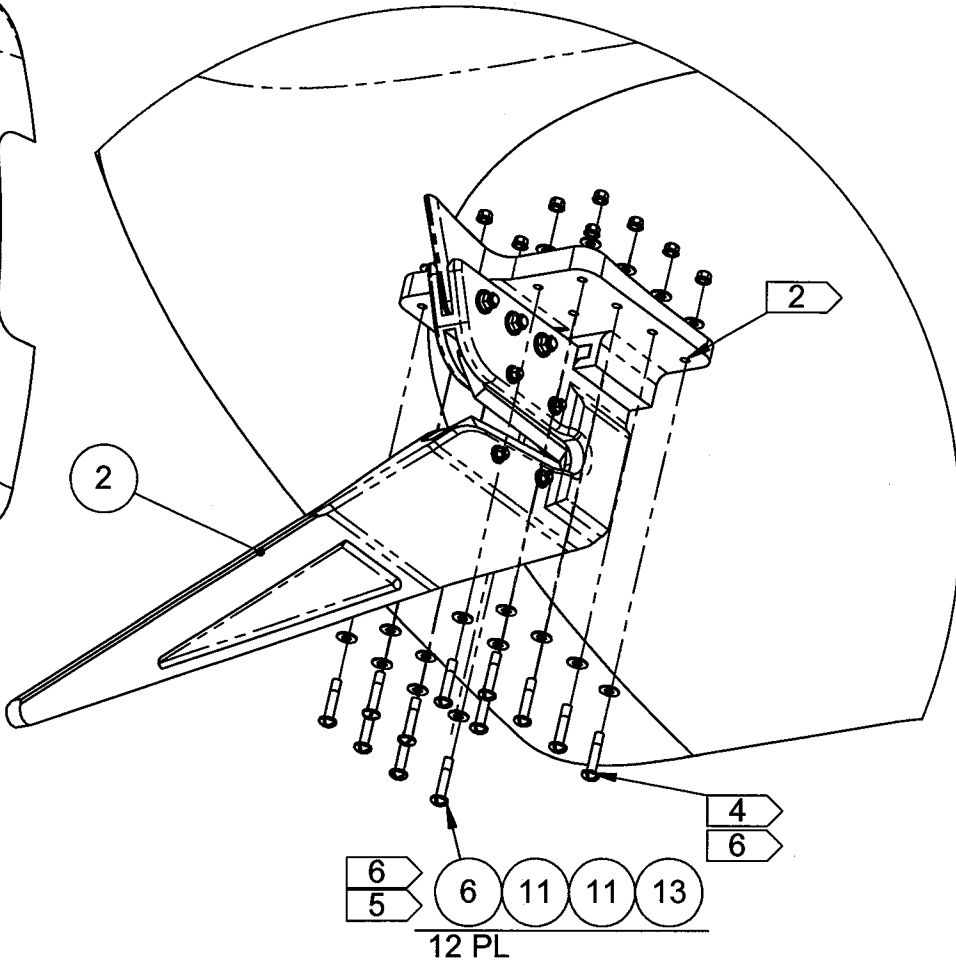
- NOTES:**
- 1) ALIGN WITH ROTORCRAFT UPPER CUTTER INSTALLATION HOLES.
 - 2) PREPARE HOLE FOR ELECTRICAL BONDING TO AIRCRAFT WHERE INDICATED BY 2
 - 3) COAT FAYING SURFACES OF KIT WITH WITH PR-1425 CLASS B SEALANT OR EQUIVALENT AND LOCATE ON HELICOPTER.
 - 4) WET INSTALL SCREW (1 PL) USING PR-1764 CLASS B OR EQUIVALENT ELECTRICALLY CONDUCTIVE SEALANT.
 - 5) WET INSTALL REMAINING FASTENERS (7 PL) USING PR-1425 CLASS B SEALANT OR EQUIVALENT.
 - 6) TORQUE NUTS TO 50-70 in•lbs (5.6-7.9 N•m).
 - 7) FILLET SEAL AND CLOSE GAPS BETWEEN COMPONENTS AND HELICOPTER WITH PR-1425 CLASS B SEALANT OR EQUIVALENT.
 - 8) CLEAN OFF EXCESS SEALANT.
 - 9) AFTER INSTALLATION, PAINT ALL COMPONENTS TO MATCH HELICOPTER PAINT SCHEME.

APPROVED	DESIGN	JMH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	CP		
	CHECKED	ML	DRAWING NO.	REV. B
	MFG. APPR.	DD	IIN-DTAI-1038	SHEET 2 OF 5
	APPROVED	ML	TITLE	SCALE
	DE APPR.	CP	TLUH CABLE CUTTER SYSTEM	NTS
DATE		20.08.17	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

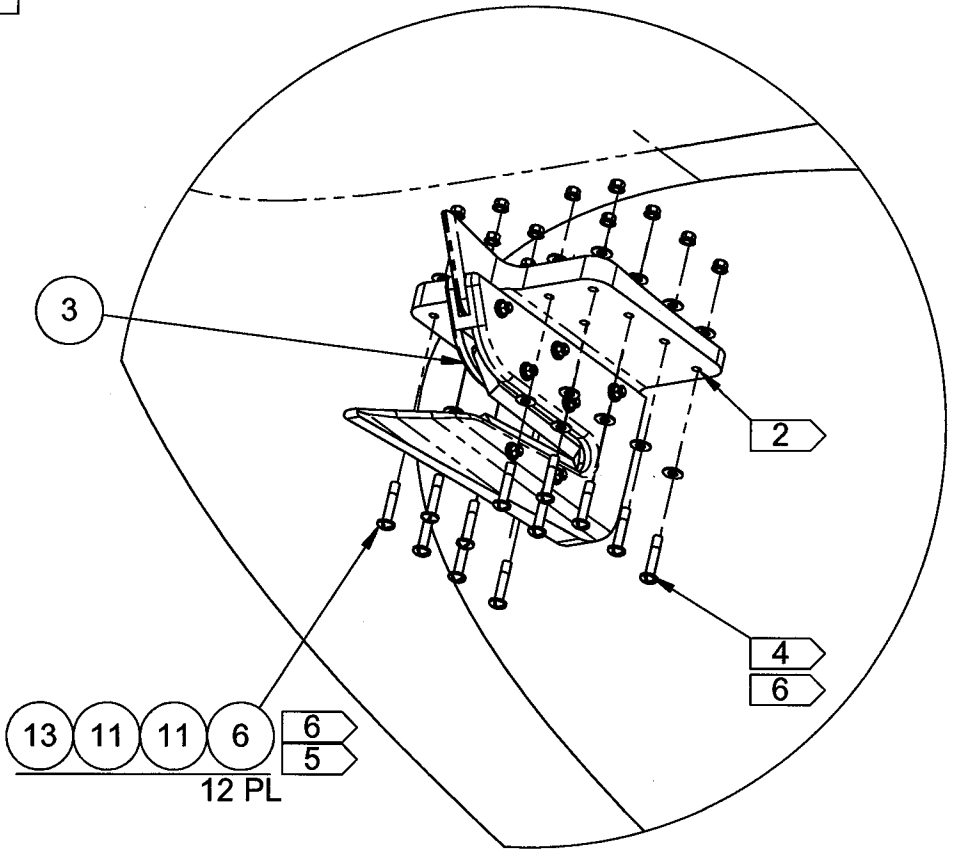
ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
2	1	-	DTAI-1038-043	RC95T400240VN	LOWER CUTTER KIT, LONG
3	-	1	DTAI-1038-045	RC95T402240VN	LOWER CUTTER KIT, SHORT
6	12	12	NAS1133E11P	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
11	24	24	NAS1149C0332R	N/A	WASHER
13	12	12	MS21042L3	N/A	NUT, SELF-LOCKING



DTAI-1038-043/-045 LOWER CUTTER KIT LOCATION
(DTAI-1038-045 SHOWN)



DTAI-1038-043 LOWER CUTTER KIT, LONG
EXPLODED ASSEMBLY VIEW



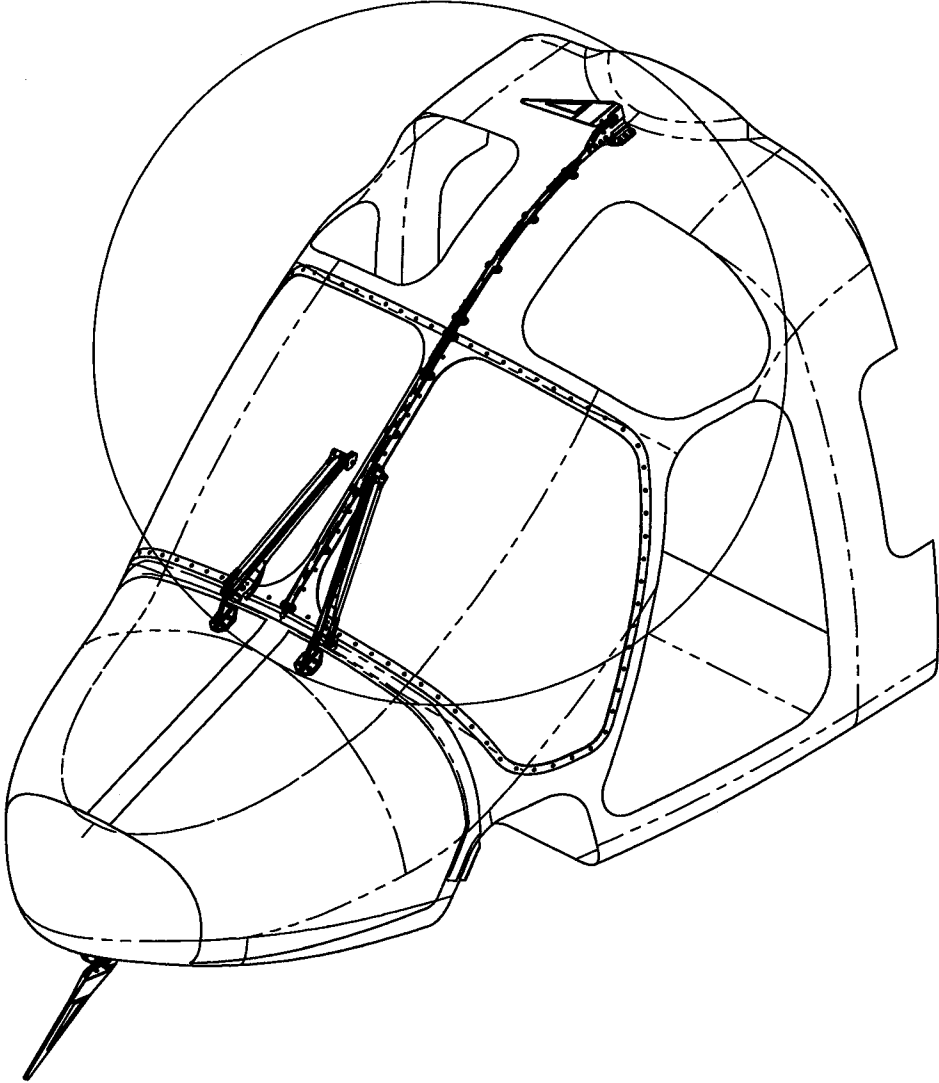
DTAI-1038-045 LOWER CUTTER KIT, SHORT
EXPLODED ASSEMBLY VIEW

NOTES:

- 1) ALIGN WITH ROTORCRAFT LOWER CUTTER INSTALLATION HOLES.
- 2) PREPARE HOLE FOR ELECTRICAL BONDING TO AIRCRAFT WHERE INDICATED BY **2**.
- 3) COAT FAYING SURFACES OF KIT WITH WITH PR-1425 CLASS B SEALANT OR EQUIVALENT AND LOCATE ON HELICOPTER.
- 4) WET INSTALL SCREW (1 PL) USING PR-1764 CLASS B OR EQUIVALENT ELECTRICALLY CONDUCTIVE SEALANT.
- 5) WET INSTALL REMAINING FASTENERS (7 PL) USING PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 6) TORQUE NUTS TO 25-30 in•lbs (2.82-3.39 N•m).
- 7) FILLET SEAL AND CLOSE GAPS BETWEEN COMPONENTS AND HELICOPTER WITH PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 8) CLEAN OFF EXCESS SEALANT.
- 9) AFTER INSTALLATION, PAINT ALL COMPONENTS TO MATCH HELICOPTER PAINT SCHEME.

APPROVED	DESIGN	JMH	DART AEROSPACE LTD	
	DRAWN	CP	HAWKESBURY, ONTARIO, CANADA	
	CHECKED	ML	DRAWING NO.	REV. B
	MFG. APPR.	DD	IIN-DTAI-1038	SHEET 3 OF 5
	APPROVED	ML	TITLE	SCALE
	DE APPR.	CP	TLUH CABLE CUTTER SYSTEM	NTS
DATE		20.08.17	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

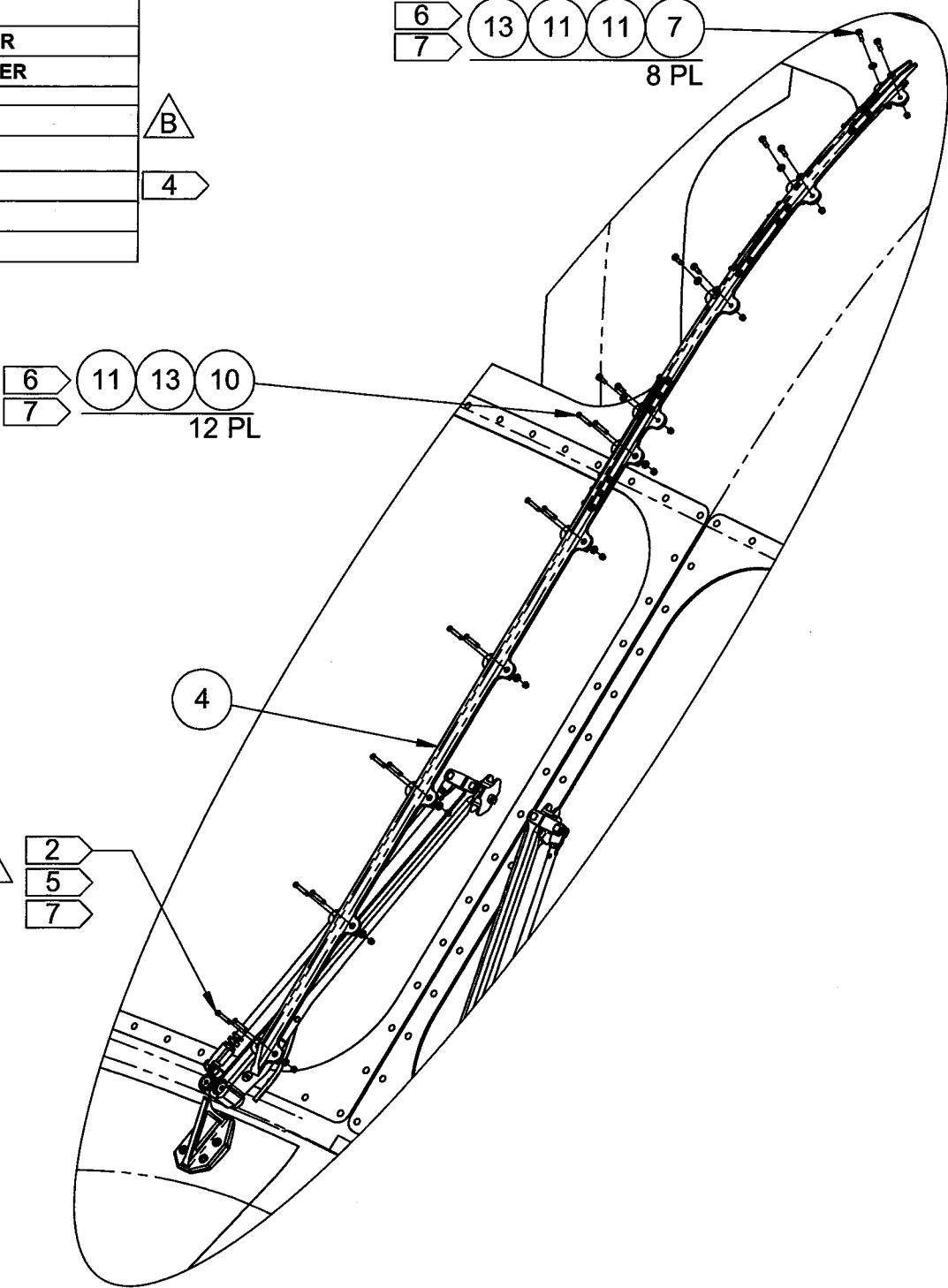
ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
4	1	1	DTAI-1038-047	RC95T400390VN	WINDSHIELD DEFLECTOR KIT
7	8	8	NAS1133V7A	N/A	SCREW, MACHINE-PAN HEAD, OFFSET CRUCIFORM
10	12	12	NAS1993C18PT	N/A	BOLT, FLAT, 100° REDUCED HEAD, OFFSET CRUCIFORM
11	28	28	NAS1149C0332R	N/A	WASHER
13	20	20	MS21042L3	N/A	NUT, SELF-LOCKING



DTAI-1038-047 WINDSHIELD DEFLECTOR KIT LOCATION

NOTES:

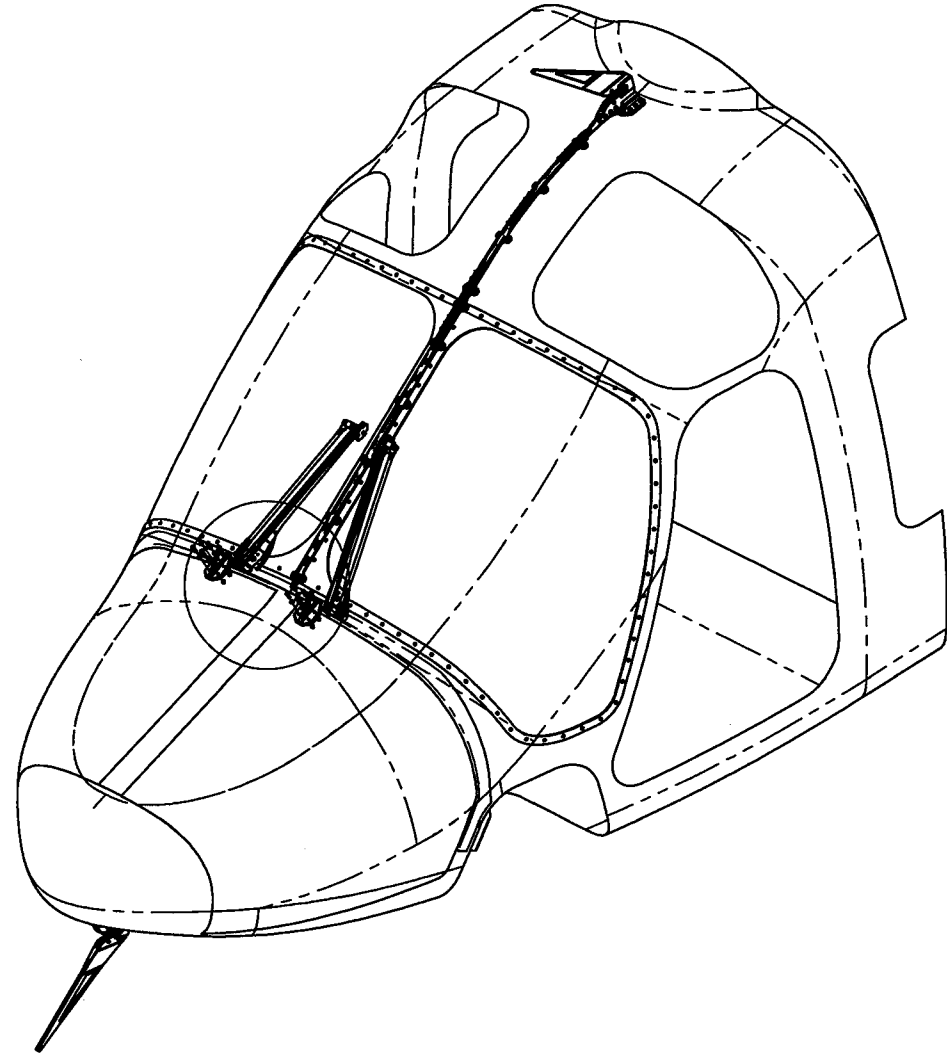
- 1) ALIGN WITH ROTORCRAFT WINDSHIELD DEFLECTOR INSTALLATION HOLES.
- 2) PREPARE HOLE FOR ELECTRICAL BONDING TO AIRCRAFT WHERE INDICATED BY 2
- 3) COAT FAYING SURFACES OF KIT WITH WITH PR-1425 CLASS B SEALANT OR EQUIVALENT AND LOCATE ON HELICOPTER
- 4) INSTALL USING FASTENER HARDWARE SUPPLIED BY TAI. SHOWN AS REFERENCE ONLY.
- 5) WET INSTALL SCREW (1 PL) USING PR-1764 CLASS B OR EQUIVALENT ELECTRICALLY CONDUCTIVE SEALANT.
- 6) WET INSTALL REMAINING FASTENERS (19 PL) USING PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 7) TORQUE NUTS TO 15-20 in•lbs (1.69-2.26 N•m).
- 8) FILLET SEAL AND CLOSE GAPS BETWEEN COMPONENTS AND HELICOPTER WITH PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 9) CLEAN OFF EXCESS SEALANT.
- 10) AFTER INSTALLATION, PAINT ALL COMPONENTS TO MATCH HELICOPTER PAINT SCHEME.



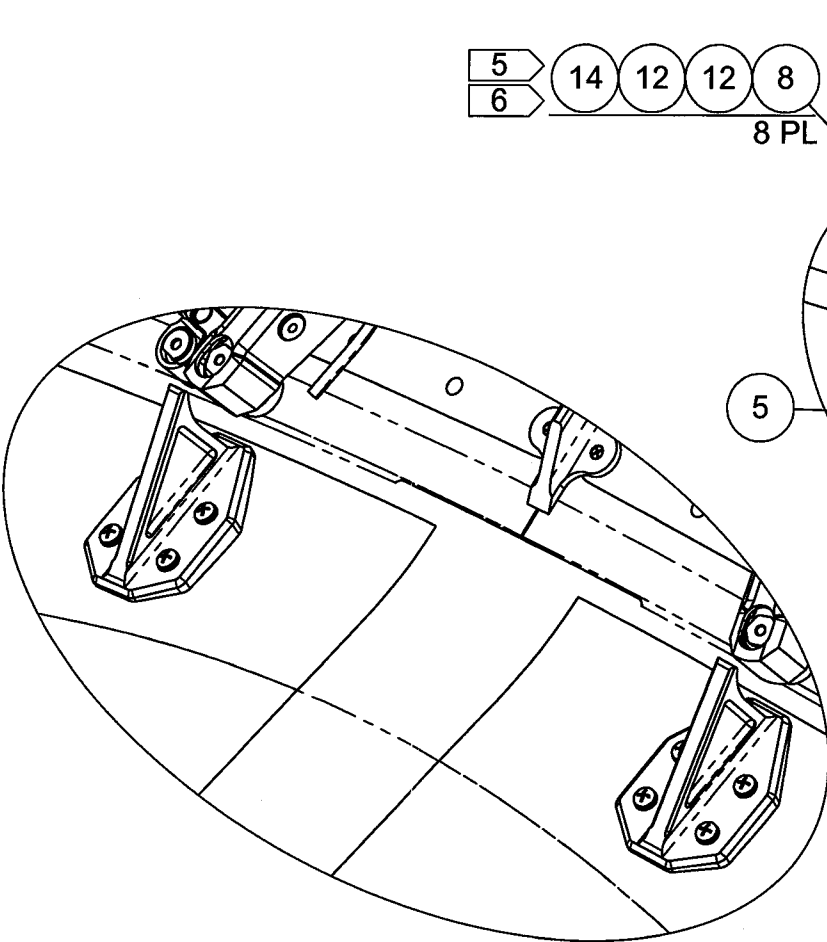
DTAI-1038-047 WINDSHIELD DEFLECTOR KIT
EXPLODED ASSEMBLY VIEW

APPROVED	DESIGN	JMH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	CP		
	CHECKED	ML	DRAWING NO.	REV. B
	MFG. APPR.	DD	IIN-DTAI-1038	SHEET 4 OF 5
	APPROVED	ML	TITLE	SCALE
	DE APPR.	CP	TLUH CABLE CUTTER SYSTEM	NTS
DATE		20.08.17	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

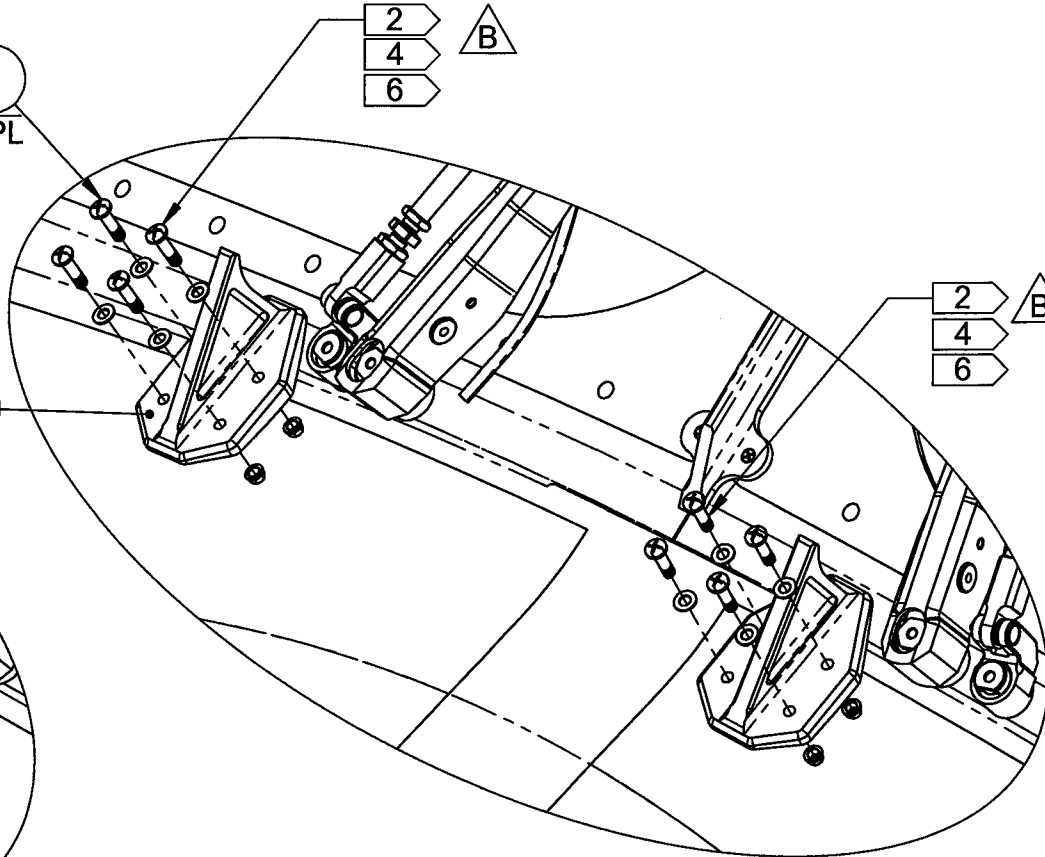
ITEM	QTY -011	QTY -013	DART P/N	TAI P/N	DESCRIPTION
	X		DTAI-1038-011	RC95T400100000	CABLE CUTTER SYSTEM INSTALLATION KIT, LONG LOWER CUTTER
		X	DTAI-1038-013	RC95T401100000	CABLE CUTTER SYSTEM INSTALLATION KIT, SHORT LOWER CUTTER
5	1	1	DTAI-1038-049	N/A	WINDSHIELD WIPER POST DEFLECTOR KIT
8	8	8	NAS1134V10A	N/A	SCREW, MACHINE-PAN HEAD, CLOSE TOL, SHORT THD, OFFSET CRUCIFORM
12	16	16	NAS1149C0432R	N/A	WASHER
14	8	8	MS21042L4	N/A	NUT, SELF-LOCKING



DTAI-1038-049 WIPER POST DEFLECTOR KIT LOCATION



DTAI-1038-049 WIPER POST DEFLECTOR KIT DETAIL



DTAI-1038-049 WIPER POST DEFLECTOR KIT
EXPLODED ASSEMBLY VIEW

NOTES:

- 1) ALIGN WITH ROTORCRAFT WIPER POST DEFLECTOR INSTALLATION HOLES.
- 2) PREPARE HOLE FOR ELECTRICAL BONDING TO AIRCRAFT WHERE INDICATED BY **2**.
- 3) COAT FAYING SURFACES OF KIT WITH WITH PR-1425 CLASS B SEALANT OR EQUIVALENT AND LOCATE ON HELICOPTER.
- 4) WET INSTALL SCREW (2 PL) USING PR-1764 CLASS B OR EQUIVALENT ELECTRICALLY CONDUCTIVE SEALANT.
- 5) WET INSTALL REMAINING FASTENERS (6 PL) USING PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 6) TORQUE NUTS TO 50-70 in•lbs (5.6-7.9 N•m).
- 7) FILLET SEAL AND CLOSE GAPS BETWEEN COMPONENTS AND HELICOPTER WITH PR-1425 CLASS B SEALANT OR EQUIVALENT.
- 8) CLEAN OFF EXCESS SEALANT.
- 9) AFTER INSTALLATION, PAINT ALL COMPONENTS TO MATCH HELICOPTER PAINT SCHEME.

APPROVED	DESIGN	JMH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	CP		
	CHECKED	ML	DRAWING NO.	REV. B
	MFG. APPR.	DD	IIN-DTAI-1038	SHEET 5 OF 5
	APPROVED	ML	TITLE	SCALE
	DE APPR.	CP	TLUH CABLE CUTTER SYSTEM	NTS
DATE	20.08.17	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		